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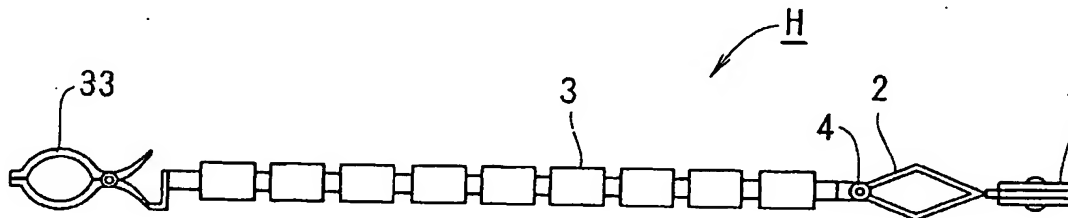
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(54) Title: **SURGICAL HOLDER FOR A BLOOD VESSEL**



(57) Abstract: A surgical holder comprises a grasping member (1) for grasping a tissue, a manipulation member (2) for manipulating the grasping member, and a connection portion (3) with one end connected to the manipulation member, wherein: the grasping member includes a first grasping plate, and a second grasping plate provided so as to oppose the first grasping plate in a movable manner so that they are able to become closer to each other or more distanced from each other; a first grasping portion which can grasp a part of a tissue between the first grasping plate and the second grasping plate, and an opening which can expose another part of the tissue are provided in one end portion of the grasping member; and a second grasping portion which can form a tissue grasping space between the first grasping plate and the second grasping plate is provided in another end portion of the grasping member.

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AMENDED CLAIMS

[received by the International Bureau on 20 September 2004 (20.09.04);
original claims 1, 5 and 6 amended, original claim 4 cancelled,
remaining claims unchanged (5 pages)]

Claims

- [1] (Amended) A surgical holder comprising a grasping member for grasping a tissue, a manipulation member for manipulating the grasping member, and a connection portion with one end connected to the manipulation member, wherein: the grasping member includes a first grasping plate, and a second grasping plate provided so as to oppose the first grasping plate in a movable manner so that they are able to become closer to each other or more distanced from each other; the first grasping plate includes a retaining portion having an opening which is opened toward an outer side of the first grasping plate and a supporting portion having a recessed portion, the opening being provided in one end of the first grasping plate and the recessed portion being provided in the other end of the first grasping plate, the second grasping plate includes a covering portion formed so as to cover an entire surface or a part of the opening of the first grasping plate, a non-covering portion which does not cover the first grasping plate, and a fixing portion having a curved portion, the covering portion being provided in one end of the second grasping plate and the curved portion being provided in the other end of the second grasping plate, the curved portion opposing the recessed portion to form the tissue grasping space when the first grasping plate and the second grasping plate are positioned so as to oppose on another, a first grasping portion which can grasp a part of a tissue between the first grasping portion of the first grasping plate and the covering portion of the second grasping plate are provided in one end portion of the grasping member, and the opening exposing another part of the tissue when a part of a tissue is grasped by the first grasping portion; and a second grasping portion which can form a tissue grasping space between the recessed portion of the first grasping plate and the curved portion of the second grasping plate is provided in another end portion of the grasping member.
- [2] A surgical holder according to claim 1, wherein a tissue protection material is attached to an opposing surface of the first grasping plate and/or the second grasping plate.
- [3] A surgical holder according to claim 2, wherein the tissue protection material is permeated with medicines.

- [4] (Canceled)
- [5] (Amended) A surgical holder comprising a grasping member for grasping a tissue, a manipulation member for manipulating the grasping member, and a connection portion with one end connected to the manipulation member and the other end provided with a fixing tool, wherein:

the grasping member includes a first grasping plate, and a second grasping plate provided so as to oppose the first grasping plate in a movable manner so that they are able to become closer to each other or more distanced from each other;
the grasping member is formed into a rectangular shape with the manipulation member elongated from a side thereof;
a first grasping portion which can grasp a part of a tissue between the first grasping plate and the second grasping plate, and an opening which is provided in the vicinity of the first grasping portion and exposes another part of the tissue are provided in one end portion of the grasping member, the opening being opened at an outer side of the first grasping portion;
a second grasping portion which can form a tissue grasping space between the first grasping plate and the second grasping plate is provided in another end portion of the grasping member, the tissue grasping space and the opening being positioned at respective ends on one axis of the grasping member.

- [6] (Amended) A surgical holder comprising a grasping member for grasping a tissue, a manipulation member for manipulating the grasping member, and a connection portion connected to the manipulation member, wherein:
the grasping member includes a first grasping plate and a second grasping plate provided so as to oppose the first grasping plate in a movable manner so that they are able to become closer to each other or more distanced from each other;
the first grasping plate includes a retaining portion having an opening of a U-shape or substantially a U-shape, and a supporting portion having a recessed portion, the opening being provided in one end of the first grasping plate and the recessed portion being provided in the other end of the first grasping plate;
and
the second grasping plate includes a covering portion formed to cover an entire surface or a part of the opening of the first grasping plate, a non-covering portion which does not cover the first grasping plate, and a fixing portion having a curved portion, the curved portion opposing the recessed portion to form the tissue grasping space when the first grasping plate and the second grasping plate are positioned so as to oppose one another.

- [7] A surgical holder according to claim 6, wherein the tissue to be grasped is a tubular tissue with a surrounding tissue, and the surrounding tissue is grasped by a part which defines the shape of the opening of the first grasping plate and the covering portion of the second grasping plate.

- [8] A surgical holder according to claim 6, wherein the tissue to be grasped is a tubular tissue, and the tubular tissue is grasped by a tissue grasping space formed by the recessed portion of the first grasping plate and the curved portion of the second grasping plate.
- [9] A surgical holder according to claim 6, wherein the tissue to be grasped is a tubular tissue, and the tubular tissue is grasped with one point of the tubular tissue being grasped by the retaining portion of the first grasping plate and the covering portion of the second grasping plate, and another point being grasped by a tissue grasping space formed by the recessed portion of the first grasping plate and the curved portion of the second grasping plate.
- [10] A surgical holder according to claim 6, wherein the tissue to be grasped is a

tubular tissue, and an end portion of the retaining portion which defines the opening of the first grasping plate is inserted into a tube of the tubular tissue to grasp the tubular tissue.

[11]

A surgical holder according to claim 6, wherein the tissue to be grasped is a tubular tissue (A), and, (i) with one point of the tubular tissue (A) grasped by the retaining portion of the first grasping plate and the covering portion of the second grasping plate and another point of the tubular tissue (A) grasped by the tissue grasping space formed by the recessed portion of the first grasping plate and the curved portion of the second grasping plate, anastomosis manipulation between a cut portion of the tubular tissue (A) and a cut portion of a tubular tissue (B) positioned on the supporting portion is performed, and then, (ii) with the tubular tissue (A) grasped by the tissue grasping space formed by the recessed portion of the first grasping plate and the curved portion of the second grasping plate, anastomosis manipulation between a cut portion of the tubular tissue (A) and a cut portion of the tubular tissue (C) positioned on the supporting portion is performed.